# Pressurized Line Leak Detection Test Reporting Requirements for the Veeder-Root ATG System

## (all models except the TLS-4 and TLS-450)


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**RESOURCES**

More information on applicable Wisconsin laws can be found at these links:

**Wis. Admin. Code § ATCP 93.510**
https://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93/V/510

**Wis. Admin Code § ATCP 93.515**
https://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93/V/515

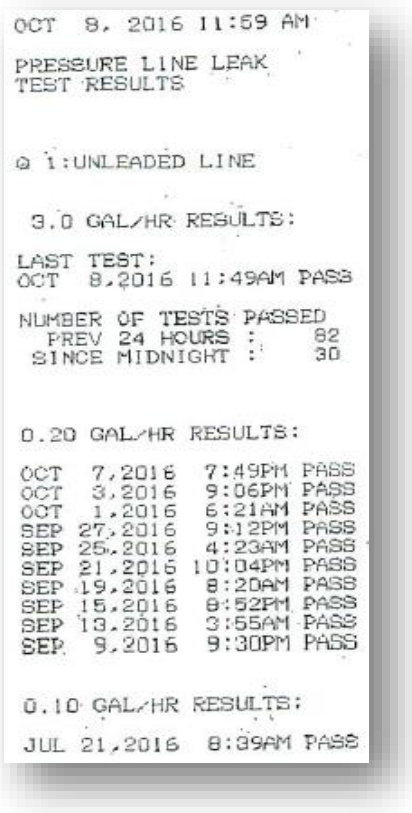
**Materials Approval Page**
https://datcp.wi.gov/Pages/Programs_Services/MaterialApprovalsLeakDetection.aspx

**Veeder-Root**
http://www.veeder.com/us/

**Approval #20130002**
https://datcp.wi.gov/Documents/TCP-WM-MA-20130002.pdf

### When to submit your test results

- When renewing your annual Permit-to-Operate the owner/operator must supply the department with passing test reports of the 3 most current consecutive months of testing, and each test must be 28-32 days apart. For example, if your first test was June 1, the second test must be July 1, and the third test must be on August 1.
- When an inspection is conducted by the State of Wisconsin, at least 12 months of test reports must be available for review by a state inspector.
- Below is a test example of the pressurized line leak detection printout for the Veeder-Root ATG system (all models except the TLS-4 and TLS-450). You are required to submit the test report when renewing your annual permit to operate. You will need to know which test report your system will produce depending on how your service company programmed your ATG monitor.



```
OCT  8, 2016 11:59 AM

PRESSURE LINE LEAK
TEST RESULTS


@ 1:UNLEADED LINE

 3.0 GAL/HR RESULTS:

LAST TEST:
OCT  8,2016 11:49AM PASS

NUMBER OF TESTS PASSED
  PREV 24 HOURS :    82
 SINCE MIDNIGHT :    30


0.20 GAL/HR RESULTS:

OCT  7,2016  7:49PM PASS
OCT  3,2016  9:06PM PASS
OCT  1,2016  6:21AM PASS
SEP 27,2016  9:12PM PASS
SEP 25,2016  4:23AM PASS
SEP 21,2016 10:04PM PASS
SEP 19,2016  8:20AM PASS
SEP 15,2016  8:52PM PASS
SEP 13,2016  3:55AM PASS
SEP  9,2016  9:30PM PASS


0.10 GAL/HR RESULTS:

JUL 21,2016  8:39AM PASS
```

or

```
      08-03-15  5:45

WPLLD LINE LEAK
TEST RESULTS


W 1:UNLEADED PIPING

 3.0 GAL/HR RESULTS:

LAST TEST:
08-03-15  4:33 PASS

NUMBER OF TESTS PASSED
  PREV 24 HOURS :     7
 SINCE MIDNIGHT :     3


0.20 GAL/HR RESULTS:

08-03-15  1:15 PASS
07-31-15  4:40 PASS
07-27-15  3:55 PASS
07-23-15  6:28 PASS
07-19-15 23:40 PASS
07-17-15  3:40 PASS
07-13-15  9:30 PASS
07-09-15  7:57 PASS
07-05-15 19:55 PASS
07-01-15 19:06 PASS


0.10 GAL/HR RESULTS:

07-09-15  8:45 PASS
01-07-15  2:20 PASS
```

If you have questions about how your Veeder-Root ATG system works please contact your service company or Veeder-Root directly. You can also find further information about your specific leak detection equipment on the materials approval page of our website. The Veeder-Root material approval number is 20130002.

(over)

**Leak detection FAQs:**

- *What is leak detection?*
  "Leak Detection" means determining whether a discharge of regulated substance has occurred from a storage tank system into the environment or into the space between the tank and its secondary barrier or containment.

- *What is "ATG"?*
  "Automatic Tank Gauging" (ATG) or "Automatic Leak Detection" means a leak detection or monitoring system that will provide continuous 24-hour monitoring for the detection of a release or leak of vapor or product and will immediately communicate the detection of the release or leak to an electronic signaling device.

- *What is Pressurized Line Leak Detection Monitoring*
  Wisconsin Administrative Code §§ ATCP 93.510 and 93.515 require all new and existing underground tank piping systems which store regulated substances to be provided with a method of leak detection. One of the acceptable methods of leak detection is pressurized line leak detection (LLD) testing.

  Pressurized line leak detectors operate during idle periods by independently pressurizing the pipeline system, then isolating the system from the pump and monitoring the pressure drop. The pressure drop is measured for several pressurization cycles. When the leak detection system determines that thermal effects have been sufficiently reduced, it compares the final pressure drop with a preset limit. If the pressure drop exceeds that limit, a leak is declared.



**Wisconsin Department of Agriculture, Trade and Consumer Protection**
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